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Approved for use through 10/31/2002. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	8028-34 (SPX200211-0004US)
First Inventor	Yong-Hee LEE
Title	DELTA-SIGMA MODULATOR FOR ...
Express Mail Label No.	EV413369183US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 29]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]

5. Oath or Declaration [Total Pages 2]

a. Newly executed (original or copy)

b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

15. Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: Credit Card Payment Forms

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____

Prior application information:

Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)		or	<input type="checkbox"/> Correspondence address below
Name	Frank Chau			
Address	F. CHAU & ASSOCIATES, LLP 1900 Hempstead Turnpike, Suite 501			
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Country	U.S.A.	Telephone	(516) 357-0091	Fax (516) 357-0092

Name (Print/Type)	Frank Chau	Registration No. (Attorney/Agent)	34,136
Signature			Date 11/26/03

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810.00)

Complete if Known

Application Number	
Filing Date	November 26, 2003
First Named Inventor	Yong-Hee LEE
Examiner Name	
Art Unit	
Attorney Docket No.	8028-34 (SPX200211-0004US)

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																							
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account: Deposit Account Number: 50-0679 Deposit Account Name: F.CHAU & ASSOCIATES, LLC				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr><td>Fee Code (\$)</td><td>Fee Code (\$)</td></tr> <tr><td>1051 130</td><td>2051 65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>1052 50</td><td>2052 25</td><td>Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>1053 130</td><td>1053 130</td><td>Non-English specification</td></tr> <tr><td>1812 2,520</td><td>1812 2,520</td><td>For filing a request for ex parte reexamination</td></tr> <tr><td>1804 920*</td><td>1804 920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>1805 1,840*</td><td>1805 1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>1251 110</td><td>2251 55</td><td>Extension for reply within first month</td></tr> <tr><td>1252 420</td><td>2252 210</td><td>Extension for reply within second month</td></tr> <tr><td>1253 950</td><td>2253 475</td><td>Extension for reply within third month</td></tr> <tr><td>1254 1,480</td><td>2254 740</td><td>Extension for reply within fourth month</td></tr> <tr><td>1255 2,010</td><td>2255 1,005</td><td>Extension for reply within fifth month</td></tr> <tr><td>1401 330</td><td>2401 165</td><td>Notice of Appeal</td></tr> <tr><td>1402 330</td><td>2402 165</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>1403 290</td><td>2403 145</td><td>Request for oral hearing</td></tr> <tr><td>1451 1,510</td><td>1451 1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>1452 110</td><td>2452 55</td><td>Petition to revive - unaviodable</td></tr> <tr><td>1453 1,330</td><td>2453 665</td><td>Petition to revive - unintentional</td></tr> <tr><td>1501 1,330</td><td>2501 665</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>1502 480</td><td>2502 240</td><td>Design issue fee</td></tr> <tr><td>1503 640</td><td>2503 320</td><td>Plant issue fee</td></tr> <tr><td>1460 130</td><td>1460 130</td><td>Petitions to the Commissioner</td></tr> <tr><td>1807 50</td><td>1807 50</td><td>Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>1806 180</td><td>1806 180</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>8021 40</td><td>8021 40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>1809 770</td><td>2809 385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td></tr> <tr><td>1810 770</td><td>2810 385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td></tr> <tr><td>1801 770</td><td>2801 385</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>1802 900</td><td>1802 900</td><td>Request for expedited examination of a design application</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr><td colspan="4">*Reduced by Basic Filing Fee Paid</td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (3) (\$ 40.00)</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	1051 130	2051 65	Surcharge - late filing fee or oath	1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	1053 130	1053 130	Non-English specification	1812 2,520	1812 2,520	For filing a request for ex parte reexamination	1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	1251 110	2251 55	Extension for reply within first month	1252 420	2252 210	Extension for reply within second month	1253 950	2253 475	Extension for reply within third month	1254 1,480	2254 740	Extension for reply within fourth month	1255 2,010	2255 1,005	Extension for reply within fifth month	1401 330	2401 165	Notice of Appeal	1402 330	2402 165	Filing a brief in support of an appeal	1403 290	2403 145	Request for oral hearing	1451 1,510	1451 1,510	Petition to institute a public use proceeding	1452 110	2452 55	Petition to revive - unaviodable	1453 1,330	2453 665	Petition to revive - unintentional	1501 1,330	2501 665	Utility issue fee (or reissue)	1502 480	2502 240	Design issue fee	1503 640	2503 320	Plant issue fee	1460 130	1460 130	Petitions to the Commissioner	1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	1806 180	1806 180	Submission of Information Disclosure Stmt	8021 40	8021 40	Recording each patent assignment per property (times number of properties)	1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	1801 770	2801 385	Request for Continued Examination (RCE)	1802 900	1802 900	Request for expedited examination of a design application	Other fee (specify) _____				*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 40.00)			
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**or number previously paid, if greater. For Reissues, see above																																																																																																											

SUBMITTED BY				(Complete if applicable)	
Name (Print/Type)	Frank Chau	Registration No. (Attorney/Agent)	34,136	Telephone	516-357-0091
Signature					
Date	11/26/03				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT APPLICATION

Atty. Docket No. 8028-34 (SPX200211-004US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

UTILITY APPLICATION FEE TRANSMITTAL

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s) : Yong-Hee LEE

For: DELTA-SIGMA MODULATOR FOR REDUCING
QUANTIZATION NOISE AND OVERSAMPLING RATIO (OSR)

Enclosed are:

[X] 21 page(s) of specification
[X] 1 page(s) of Abstract
[X] 7 page(s) of claims
[X] 9 sheets of drawings [X] formal [] informal
[X] 2 page(s) of Declaration and Power of Attorney
[X] An Assignment of the invention to Samsung Electronics Co., Ltd.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date November 26, 2003 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV413369183US addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Frank Chau
(Type or print name of person mailing paper)


(Signature of person mailing paper)

This application claims the benefit under 35 U.S.C.
§119(e) of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:

FILING DATE

/ _____
/ _____

Certified copy of applications

<u>Country</u>	<u>Appln. No.</u>	<u>Filed</u>
Korea	2003-354	3 January 2003

from which priority under Title 35 United States Code, § 119
is claimed
 is enclosed.

[X] will follow.

The fees to be charged are to be based on the number of
claims remaining as a result of the attached
Preliminary Amendment.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee
Total Claims*	18	-20 = 0	x \$ 18.00	\$ 0
Independent Claims	3	-3 = 0	x \$ 86.00	\$ 0
Multiple Claims	[] yes	Add'l. Fee	\$290.00	\$
Dependent Claims	[] no	Add'l. Fee	None	= \$ TOTAL \$770.00

Applicant Claims Small Entity Status Under 37
C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f)
(50% of total) paid herewith \$ _____.

*Includes all independent and single dependent claims and all claims referred to in multiple claims.
See 37 C.F.R. § 1.75(c).

A check in the amount of \$ _____ is enclosed for recording the attached Assignment.

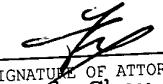
Please charge fee of \$40.00 for recording the attached assignment by Credit Card Payment Form PRO-2038 enclosed herewith.

Please charge fee of \$770.00 to cover the filing fee by Credit Card Payment Form PTO-2038 enclosed herewith.

Charge fee to Deposit Account No. 50-0679. Order No. 50-0679. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: 11/26/03



SIGNATURE OF ATTORNEY
Frank Chau
Reg. No. 34,136

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